

# Ex. 6 - Personal Privacy

**From:** Engelking, Pat (MPCA)  
**Sent:** Thur 2/6/2014 9:08:54 PM  
**Subject:** FW: Source of 50 mg/L sulfate control in Fort Labs Hydroponic Tests

Hello all,

Please see below the response from Mike Hansel about source of 50 mg/L sulfate control in Fort Labs Hydroponic tests.

Pat

Patricia Engelking

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**From:** Mike Hansel [<mailto:MHansel@barr.com>]

**Sent:** Tuesday, February 04, 2014 12:00 PM

**To:** [Ex. 6 - Personal Privacy]

**Cc:** Lotthammer, Shannon (MPCA); Rachel E. Walker; Engelking, Pat (MPCA); Scott Hall; Robin Richards

**Subject:** Source of 50 mg/L sulfate control in Fort Labs Hydroponic Tests

Paula,

You asked yesterday where in the report it references the fact that the controls were 50 mg/L sulfate. If you look on page 9 of 173 of the report narrative, you'll find the following:

“The measured sulfate concentration in the HS-1 control solution was ca. 50 mg/L. A modified HS-1 (1:4) solution was prepared (Table 4) in order to reduce the sulfate concentration of this media to 10 mg sulfate/L nominal, and it was used for the 10 mg sulfate/L test concentration (Table 3).”

Hope that helps.

Shannon or Pat, if you'd forward this onto the rest of the advisory committee – maybe others were looking for the answer as well.

Mike Hansel, PE

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